

Detritus Defender™ Gen Zero



DETRITUS
D E F E N D E R
G E N Z E R O

Stop Hand Injuries During Plug Drill Outs

Introducing the Detritus Defender™ Gen Zero from Black Diamond

At Black Diamond, safety is our top priority. We understand the dangers associated with flowback during plug drill outs, especially for newer crew members who may need to become more familiar with the risks.

Here's a common scenario a customer asked us to help them solve after experiencing four significant hand injuries in the last 12 months:

A flowback event occurs during a plug drill out. In a rush to contain the situation, crew members put themselves at risk by trying to unscrew or break a connection on the traditional plug catcher manifold, which can lead to hand injuries.

Gen Zero is a revolutionary, in-line filter designed to eliminate the need for direct contact with the flowback stream during plug drill outs while ensuring the highest quality of filtration. This innovative tool provides a safer, patented solution that can help prevent these types of injuries.



Benefits of Gen Zero

Reduced Risk of Injury: By keeping hands out of the “line of fire”, Gen Zero minimizes the potential for flowback related hand injuries.

Improved Efficiency: The in-line design streamlines the process, saving valuable time on the job.

Specifications		
Length (in)	42.9	
Weight with screen (lb)	447	
Filter Length (in)	25	
Max. Flow Rate (gpm)	1,400	
Pressure Rating (psi)	7,500	
Filtration Capacity	(bbl/min)	33
	(bbl/hr)	2000
Pressure Drop (psi) ¹	36	

¹ Flow rate 1,400 gpm, fresh water (8.33 lb/gal)

Innovative Technology: Gen Zero's patented design offers a unique and effective solution to a common problem.

Gen Zero: A Spotlight on Flowback Safety

Black Diamond is committed to providing our customers with the safest possible work environment. Gen Zero is a powerful example of our commitment to innovative solutions prioritizing crew safety.

Learn More & Raise Awareness

We encourage all operators to explore the benefits of Gen Zero and share this information with their teams. Let's work together to raise awareness of flowback hazards and prevent future injuries.

Contact Black Diamond today to learn more about Gen Zero and how it can help your team work more safely and more efficiently.



LOCATIONS



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